

IN THE CLAIMS

Please amend the claims as follows:

1-34. (Cancelled)

35. (Currently Amended) An apparatus, comprising:

an interface to connect to a synchronous digital link and to send and receive digital signals to and from a telephone switch over the synchronous digital link;

a controller to generate graphical display information and events based on the digital signals received over the interface; and

logic to communicate over an asynchronous digital link, to convert the digital signals to an asynchronous format, and to transmit the digital signals and the graphical display information and events over the asynchronous digital link, wherein the logic is arranged to receive key press or hook state commands over the asynchronous digital link.

36. (Previously Presented) The apparatus of claim 35, wherein the logic is arranged to display a digital telephone on a display device, the digital telephone including the graphical display information and events.

37. (Cancel) The apparatus of claim 35, wherein the logic is arranged to receive key press or hook state commands over the asynchronous digital link.

38. (Currently Amended) A method, comprising:

receiving digital data from a public branch exchange (PBX) over a synchronous digital communication link;

generating graphical display information and events based on the received digital data;

transmitting the graphical display information and events over an asynchronous Internet protocol (IP) link;

receiving a key press or hook state command over the asynchronous Internet protocol (IP) link;
translating the key press or hook state command to a different format; and
transmitting the translated key press or hook state command to the PBX over the synchronous digital communication link.

39. (Previously Presented) The method of claim 38, wherein the graphical display information is related to graphical representation of a digital telephone.

40. (Previously Presented) The method of claim 38, further comprising:
graphically representing a digital telephone on a display device, the digital telephone including the graphical display information.

41. (Currently amended) A machine-accessible medium including instructions that, when executed, cause a machine to:
convert received light events and display updates to a graphical format;
cause a first display device to display a digital telephone including the light events and display updates;
convert received input device data that is related to the displayed digital telephone into a packetized format, wherein the input device data includes a key pass or hook state commands; and
transmit the packetized input device data over an asynchronous Internet protocol (IP) link.

42. (Previously Presented) The medium of claim 41, further comprising instructions that, when executed, cause the machine to:
emit audio information from a speaker that is received over the asynchronous IP link.

43. (Previously Presented) The medium of claim 41, further comprising instructions that, when executed, cause the machine to:

convert input voice data into a packetized format; and

transmit the packetized input data over the asynchronous IP link.